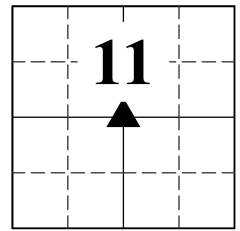


# GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W\_G19

Center 1/4 Corner

Section 11 - T06N – R05W, 2nd P.M.  
Taylor Township, Greene County, Indiana



## PERPETUATION RECORD

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar in good condition was found 3" below grade at the southeast base of a 6" wooden post with a Greene County Survey Marker sign set on the east side of the post 4.5 feet above grade. Half of a damaged Sturgeon cap was found nearby. An orange plastic cap stamped "OSER IN PS# 21100022" was added to the top of the found rebar.

**OTHER EVIDENCE:** Describe corner location relative to nearby features and how to reach the corner location.

The rebar is in line with north/south fence and approximately 120 feet south of the cattleguard on Lamplighter Lane.

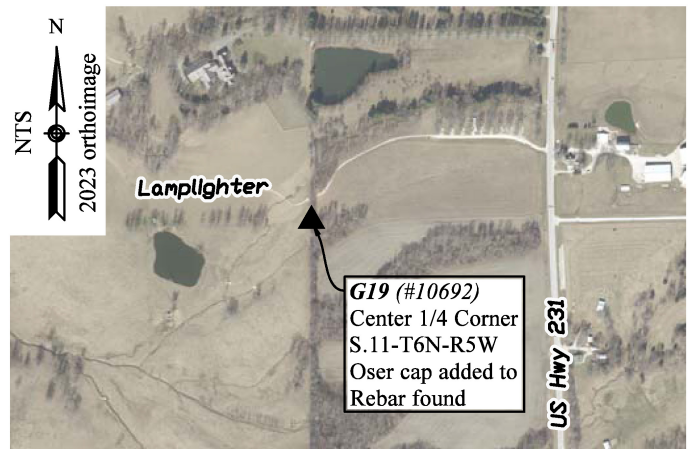
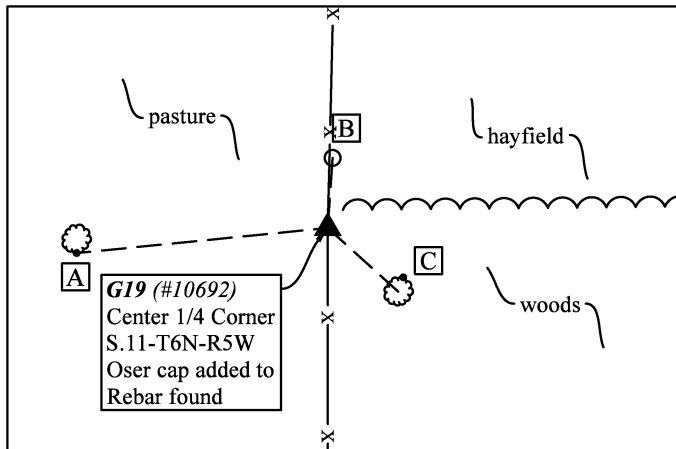
**GEODETIC COORDINATES:** (OSM #10692)

Northing	Easting	Datum	Datum Details
307103.81	835259.93	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00,
1355124.03	2995868.77	NAD83(2011) IN West Zone	NAVD 88, geoid18_conus.db3

**WITNESS MONUMENT TIES:** Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 84° W	25.6'	2" mag nail and 1-1/2" orange plastic disc set in the southwest root flair of a 12" dbh persimmon. The nail is flush with grade approximately 1.5 feet from the center of the tree and was located with RTK. Bearings are to the nail, not to the tree center.
B	N 4° E	7.1'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the east side of a 6" x 6" wooden post
C	S 48° E	9.6'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 7" above grade on the northeast side of a 6" dbh maple

**MONUMENT LOCATION SKETCH:** Attach a sketch and aerial image.



## CORNER REPORT

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument.

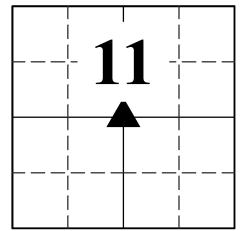
This corner was first established by Greene County Surveyor F.B. Cressy in 1847 at the intersection of opposite quarters. No trace was found of Cressy's stone or its accessories. In 2000, Elliott Sturgeon set the rebar at a found corner post. The rebar is 3.2 feet north and 2.5 feet east of the intersection of opposite quarters, none of which are direct perpetuations from the 1800s. We accepted Sturgeon's rebar as the best evidence of the corner.

# GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W\_G19

Center 1/4 Corner

Section 11 - T06N – R05W, 2nd P.M.  
Taylor Township, Greene County, Indiana



**EXISTING SURVEY HISTORY:** Include as much detail and history of the corner as known at the time of perpetuation.

## ORIGINAL GOVERNMENT SURVEY:

The center of Section 11 was not established by the original government surveyor.

## SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 06/18/1847 By: Cressy, F.B.

Where filed or recorded: LSB1, pg 166

Monument: “where the lines cross made a S”

Bearing Trees	Bearing	Distance
12” hickory	N 49 E	11 lks = 7.26 ft
14” hickory	S 53 W	19.5 lks = 12.87 ft

*No legal survey reference monuments were recovered.*

**OTHER SURVEY HISTORY:** Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/17/2000	Sturgeon, Elliott	Survey for Paddock in the SE/4 of Sec.11 (5/8” rebar with cap marked “Sturgeon 80040264” set at Corner Post)	2000-4841

## UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the stone set in 1847, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 3.2 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

## PHOTO IDENTIFIED:



Photo Orientation & Description: Rebar at G19



Photo Orientation & Description: Looking west at G19

## FIELD PERSONNEL:

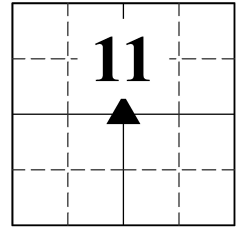
Field Date: 06/09/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10248  
Corner Perpetuation Survey for Taylor Township Sections 2, 11, 14 & 23, Township 6 North, Range 5 West

# GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W\_G19

Center 1/4 Corner

Section 11 - T06N – R05W, 2nd P.M.  
Taylor Township, Greene County, Indiana



**BASIS OF GEODETIC COORDINATES:** The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18\_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18\_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Most distances to witness ties are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Distances approaching or in excess of 100 feet were measured by locating the reference object with RTK. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

## CERTIFICATION:

Rachel Oser

Indiana Professional Surveyor 21100022

Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424

(812) 320-2694 • Rachel@OserSurveying.com

Date: 10/31/2023



This document is not complete without the associated plat and report of even date.